

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A medical examination chair for seating and moving a patient in three substantially perpendicular planes over a large amplitude, said medical examination chair comprising:

a floor stand;

a ~~single~~ rear stationary column on the floor stand;

~~an open-access~~ a primary arc connected to said stationary column, the primary arc having a first end and a second end with an arcuate member extending between the ends;

a horizontal shaft extending along a first direction between said primary arc and said ~~single~~ rear stationary column, said horizontal shaft constitutes a first axis of rotation of the primary arc about said single rear stationary column;

a second axis of rotation ~~extending along a second direction different from said first direction and disposed entirely in front of said primary arc with respect to a person seated in the examination chair, said second axis of rotation is~~ substantially perpendicular to the first axis of rotation and ~~passes passing through first and second ends that extend from of said primary arc along said first direction;~~

~~an open-access secondary arc that is in front of said primary arc and that includes a seat thereon having patient-restraining means to restrain arms, shoulders, head, and lower limbs of the person in the seat, said secondary arc having a third end and a fourth end with an arcuate member extending between the ends, said secondary arc is arranged inside said primary arc, said secondary arc is secured via [[a]] the third end and [[a]] the fourth end to said first end and said second end, respectively, via an upper shaft and a bottom shaft, said primary arc and secondary arc being configured for performing nonmotorized rotary movement about said first axis of rotation and said second axis of rotation, respectively; and~~

a brake that suddenly stops said non-motorized rotary movement, said brake including at least a first mechanical abutment that suddenly stops said primary arc relative to said single rear stationary column and a second mechanical abutment for suddenly stopping said secondary arc relative to said primary arc, ~~said first and second mechanical abutments being~~

~~configured for performing adjustable stopping of the primary arc and secondary arc, respectively, at a plurality of predetermined locations relative to said single rear stationary column and said primary arc, respectively,~~

~~wherein said primary arc includes a convex portion and is connected to said horizontal shaft via a middle of the convex portion.~~

2-8. (cancelled).

9. (previously presented) The medical examination chair according to claim 1, wherein said first mechanical abutment is on one lateral side of said stationary column and is provided with a ring and a damper (B1'), said ring co-operating with a tooth of catch means arranged on the primary arc.

10. (cancelled)

11. (previously presented) The medical examination chair according to claim 1, wherein said second mechanical abutment has at least one hook and at least one damper arranged on the first end of the primary arc, said hook co-operating with stop means disposed on the third end of the secondary arc.

12. (previously presented) The medical examination chair according to claim 11, wherein said stop means is retractable.

13. (previously presented) The medical examination chair according to claim 1, wherein the position of said seat along said second axis of rotation is adjustable.

14. (previously presented) The medical examination chair according to claim 1, including a seat back that is adjustable in translation along said second axis of rotation.

15. (previously presented) The medical examination chair according to claim 1, including at least one foot-rest that is adjustable in translation along said second axis of rotation.

16. (previously presented) The medical examination chair according to claim 15, wherein an angle of inclination of said foot-rest relative to the second axis of rotation is adjustable.

17. (previously presented) The medical examination chair according to claim 1, including a headrest that is tiltable and adjustable in translation along said first and second axes of rotation.

18. (previously presented) The medical examination chair according to claim 1, wherein said patient restraining means is adjustable.

19. (previously presented) The medical examination chair according to claim 1, including a first lock that locks the primary arc relative to the stationary column.

20. (previously presented) The medical examination chair according to claim 1, including a second lock that locks the secondary arc in a plurality of positions relative to the primary arc.

21-22. (cancelled)

23. (previously presented) The medical examination chair according to claim 1, including a videonystagmoscope system.

24. (previously presented) The medical examination chair according to claim 1, including a control and management member.

25-28. (cancelled)

29. (new) The medical examination chair according to claim 1 wherein the seat has a series of patient restraints to restrain arms, shoulders, head, and lower limbs of the person in the seat.

30. (new) A medical examination chair for seating and moving a patient, the medical examination chair comprising:

a stationary column;

a horizontal shaft supported by the stationary column, the horizontal shaft having a first axis of rotation;

a primary arcuate member connected to the horizontal shaft and having a first end and a second end, wherein the primary arcuate member is configured for performing a first rotary movement about the first axis of rotation;

a secondary arcuate member supported for rotation by the primary arcuate member about a second axis of rotation through the first end and the second end of the primary arcuate member, the secondary arcuate member arranged inside the primary arcuate member, the second axis of rotation substantially perpendicular to the first axis of rotation, wherein the secondary arcuate member is configured for performing a second rotary movement about the second axis of rotation;

a seat supported by the secondary arcuate member;

a first mechanical abutment supported by the floor stand to abruptly stop the primary arcuate member relative to the stationary column at the end of the first rotary movement of the primary arcuate member; and

a second mechanical abutment supported by the primary arcuate member to abruptly stop the secondary arcuate member relative to the primary arcuate member at the end of the second rotary movement of the secondary arcuate member.

31. (new) The medical examination chair of claim 30 wherein the first mechanical abutment has a damper and a ring;

wherein the primary arcuate member has a toothed plate and a stop plate; and

wherein the stop plate is blocked suddenly by the damper and the ring is trapped by a tooth of the toothed plate during a stop of rotation of the primary arc to generate strong deceleration.

32. (new) The medical examination chair of claim 31 wherein the rotation of the primary arc about the first axis of rotation is limited to an amplitude of 180 degrees.

32. (new) The medical examination chair of claim 30 wherein the second mechanical abutment has a damper and a hook;

wherein the second arc has a plate; and

wherein the plate is blocked suddenly by the damper, and the plate is trapped by the hook during a sudden stop of the second arc to generate strong deceleration.

34. (new) The medical examination chair of claim 30 further comprising a position adjustment system connected to the stationary column and the primary arcuate member to vertically adjust the primary arcuate member with respect to the stationary column.